

**What is Claimed:**

1. A Direct Internet Access system for providing a subscriber with virtual dial-up access to corporate gateway from a mobile subscriber station, comprising:
  - 5 means for establishing a call connection between a mobile switching center and a mobile subscriber station;
  - network server means, located in said mobile switching center, for establishing a data session with a destination network interface; and
  - 10 means for establishing a tunnel with said destination network interface
2. The Direct Internet Access system of claim 1 wherein said network server means comprises:
  - means for assigning a subscriber session to a Virtual Routing and Forwarding (VRF) instance; and
  - 15 means for routing said subscriber session within the Virtual Routing and Forwarding instance to the destination network interface.
3. The Direct Internet Access system of claim 1 wherein said network server means comprises:
  - 20 means for authenticating said mobile subscriber station.
4. The Direct Internet Access system of claim 1 wherein said means for establishing a tunnel comprises:
  - L2TP Access Concentrator means for allocating a Call ID and notifying said
  - 25 network server means about the new connection.
5. A method for providing a subscriber with virtual dial-up access to corporate gateway from a mobile subscriber station, comprising:
  - establishing a call connection between a mobile switching center and a
  - 30 mobile subscriber station;
  - establishing, in said mobile switching center, a data session with a destination network interface; and
  - establishing a tunnel with said destination network interface

6. The Direct Internet Access method of claim 5 wherein said step of establishing a data session comprises:

- 5 assigning a subscriber session to a Virtual Routing and Forwarding (VRF) instance; and  
routing said subscriber session within the Virtual Routing and Forwarding instance to the destination network interface.

7. The Direct Internet Access method of claim 5 wherein said step of  
10 establishing a data session comprises:

authenticating said mobile subscriber station.

8. The Direct Internet Access method of claim 5 wherein said step of establishing a tunnel comprises:

- 15 allocating in a L2TP Access Concentrator a Call ID and notifying said network server means about the new connection.